



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application for:

Namit JAIN, et al.

Serial No.: 10/718,823

Filing Date: November 21, 2003

For: EFFICIENT LOADING OF DATA INTO A

RELATIONAL DATABASE

Confirmation No.: 1338

Examiner: Channavajjala, Srirama T.

Group Art Unit: 2166

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In accordance with 37 CFR §§ 1.97 and 1.98, the items identified in this Information Disclosure Statement (IDS) are being brought to the attention of the Office. The items are listed on the attached forms PTO/SB/08A and PTO/SB/08B. The Examiner is requested to make these documents of record.

The items identified in this IDS may or may not be "material" pursuant to 37 CFR § 1.56. The submission thereof by Applicant(s) is not to be construed as an admission that any such patent, publication or other information referred to therein is material or considered to be material (37 CFR § 1.97(h)), or even qualifies as "prior art" under 35 USC § 102 with respect to this invention unless specifically designated by Applicant(s) as such.

1. Timing of the Information Disclosure Statement:

This IDS is believed to be timely in that it is being submitted under 37 CFR § 1.97(b), that is (1) with the new patent application submitted herein (37 CFR § 1.97(a)); or (2) within three months of the filing date of the application, which is not a continued prosecution application filed under § 1.53(d) or (3) within three months of entry of the national stage as set forth in 37 CFR § 1.491; or (4) before the mailing of a first Office action on the merits; or (5) before the mailing of a first Office action after filing a request for continued examination under § 1.114. Thus, no fee is required.

		requests that the Office consider this IDS as filed under 37 CFR § 1.97(c), if applicable, and charge the fee due under 37 CFR § 1.17(p) to the deposit account referenced below.
		However, if the undersigned is in error in this regard, Applicant(s) respectfully requests that the Office consider this IDS as filed under 37 CFR § 1.97(c), if applicable, and a statement under 37 CFR § 1.97(e) is included below, thus no fee is required.
\boxtimes	This ID	S is being submitted under 37 CFR § 1.97(c), that is after mailing of a first Office
Action	on the	merits, but before a Final Action under 37 CFR § 1.113 or a Notice of Allowance
under	37 CFR	§ 1.311.
	This ID	S is being submitted under 37 CFR § 1.97(d), that is after a Final Action under
37 CFI	₹ § 1.11	3 or a Notice of Allowance under 37 CFR § 1.311, but before payment of the
issue f	ee. As	tatement under 37 CFR § 1.97(e) is included below. Charge the fee due under
37 CFI	R.§ 1.17	7(p) to the deposit account referenced below.
□ 37 CFI		OS is being submitted under 37 CFR § 1.97(i), that is after a Final Action under 13 or a Notice of Allowance under 37 CFR § 1.311, but before payment of the
issue f	ee.	
	\boxtimes	Charge the fee due under 37 CFR § 1.17(p) to the deposit account referenced below.
		The fee due under 37 CFR § 1.17(p) is being concurrently submitted with the filing of an electronic IDS submission. Thus, no additional fee is required.
		A statement under 37 CFR § 1.97(e) is included below.
		A statement under 37 CFR § 1.97(e) is included below, thus no fee is required. In the event that this IDS is not received before a Final Action or a Notice of Allowance, then Applicant(s) respectfully requests that the Office consider the filing of these papers to be submitted under 37 CFR § 1.97(d) and charge the fee due under 37 CFR § 1.17(p) to the deposit account referenced below.
		STATEMENT UNDER 37 CFR § 1.97(e):
	That ea	ach item of information contained in the IDS was first cited in any communication
from a	foreign	patent office in a counterpart foreign application not more than three months
prior to	the filir	ng of the IDS; or
	That no	o item of information contained in the IDS was cited in a communication from a
		office in a counterpart foreign application, and, to the knowledge of the person

signing the certification after making reasonable inquiry, no item of information contained in the IDS was known to any individual designated in 37 CFR § 1.56(c) more than three months prior to the filing of the IDS.

2. Copies of the Cited Items:
Copies of all the items listed on the attached form PTO/SB/08A are enclosed.
Copies of all of the following items listed on the attached form PTO/SB/08A (Item Nos. 1-19, 23-41, 43-60, 62-79 and 81-89) are not enclosed. See 37 CFR 1.98(a)(2)(i).
Copies of the following items listed on the attached forms PTO/SB/08A (Item Nos. 42, 61, 80 and 90) and PTO/SB/08B (Item Nos. 110-119) are enclosed.
Copies of the following documents listed in PTO/SB/08A (Item Nos. 20-22) and
PTO/SB/08B (Item Nos. 91-109) are not supplied as they were previously cited by the Office or submitted in Information Disclosure Statements in related applications (Application Nos. 10/648,577 and 10/648,600 filed August 25, 2003) and relied upon in this application for an earlier filing date under 35 USC § 120. See 37 CFR § 1.98(d). The Examiner is requested to make these documents of record. Copies of the following items listed on the attached forms PTO/SB/08A (Item Nos. *) and PTO/SB/08B (Item Nos. *) were cited in a foreign examination report in a related case. A copy of the search report and the cited references not already of record in this application are attached hereto.
3. Related Applications:
Applicant(s) brings to the Office's attention the following related application(s): Application No. 10/259,278 filed September 27, 2002, now U.S. Patent No. 7,096,224 and Application Nos. 10/648,577, 10/648,600 and 10/648,749 filed August 25, 2003,
4. Conclusion:

Citation of the above documents shall not be construed as:

1. an admission that the documents are necessarily prior art with respect to the instant invention;

- 2. a representation that a search has been made, other than as described above; and
- an admission that the information cited herein is, or is considered to be, material to patentability as defined in § 1.56(b).

It is respectfully requested that the Examiner indicate consideration of the cited references by returning a copy of the attached forms PTO/SB/08A and PTO/SB/08B with initials or other appropriate marks. In the unlikely event that the transmittal letter is separated from this document and the U.S. Patent Office determines that an extension and/or other relief is required, Applicant(s) petitions for any required relief including extensions of time and authorizes the Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 50-2518**, referencing **7035742001**. However, the Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Dated:

BINGHAM MCCUTCHEN LLP

Three Embarcadero Center San Francisco, California 94111-4067

Telephone: (650) 849-4820 Facsimile: (650) 849-4800

Respectfully submitted,

Sasper Kwoh

Registration No. 54,921

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Effective on 12/08/2004.

FEE TRANSMITTAL
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s pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

☐ Applicant claims small entity status. See 37 CFR 1.27 **TOTAL AMOUNT OF PAYMENT** (\$) 130

	Complete if Known	
Application Number	10/718,823	
Filing Date	November 21, 2003	
First Named Inventor	Namit JAIN	
Examiner Name	2166	
Art Unit	Channavajjala, SriramaT.	
Attorney Docket No.	OI7035742001	

METHOD OF PAYMEN	T (check all	that apply)	•				
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Deposit Account Dep	osit Account	Number: 502518	•	Deposit Account	Name: Bingh	nam McCutchen	LLP
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FEE CALCULATION	•						
1. BASIC FILING, SEA	RCH, AND	EXAMINATION F	EES	·			· · · · · · · · · · · · · · · · · · ·
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Application Type	Fee (\$)	Small Entity Fee(\$)	Fee(\$)	Small Entity Fee(\$)	Fee(\$)	Small Entity Fee(\$)	Fees Paid (\$)
Utility Utility	300	150	500	250	200	100	· • • • • • • • • • • • • • • • • • • •
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional ·	200	100	0	0	0	0	
2. EXCESS CLAIM FE	ES						Small Entity
Fee Description						Fee (\$)	Fee (\$)
Each claim over 20 (inc						50	25
Each independent clain Multiple dependent clai		uding Reissues)				200 360	100 180
Total Claims	Extra Cl	aims Fee(\$)	Fe	ee Paid (\$)			Dependent Claims
20 or HP=		x	= _			Fee (\$)	Fee Paid (\$)
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Indep. Claims	Extra Cl	aims Fee(\$)	Fe	ee Paid (\$)			
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3. APPLICATION SIZE If the specification and d		ed 100 sheets of par	er (eveludi	ing electronically file	ed sequence i	or computer	
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4. OTHER FEE(S)		20.0 (11	. 1:				Fees Paid (\$)
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Other (e.g., late t	ning surchar	ge): Information Disc	ciosure State	ement			<u>130</u>

SUBMITTED BY			
Signature	Registration No. (Attorney/Agent) 54921	Telephone	650-849-4820
Name (Print/Type)	Japan Kwgn	Date	January 29, 2007

Approved for use through 03/31/2007. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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for form1449A-PTO

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of

Complete if Known						
Application Number	10/718,823					
Filing Date	November 21, 2003					
First Named Inventor	Namit JAIN					
Art Unit	2166					
Examiner Name	Channavajjala, Sriama T.					
Attorney Docket Number	OI7035742001					

		U.S	. PATENT DO	CUMENTS	
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines,
initials*	No.1	Number – Kind Code ² (if known)	MM-DD-YY	Application of Cited Document	Where Relevant Passages or
	<u> </u>				Relevant Figures Appear
	1	US-5295261	03-15-1994	Simonetti	
	2	US-5404513	04-04-1995	Powers et al.	
	3	US-5467471	11-14-1995	Bader	
	4	US-5680614	10-21-1997	Bakuya et al.	
	5	US-5724577	03-03-1998	Exley et al.	
	6	US-5734887	03-31-1998	Kingberg et al.	
	7	US-5987506	11-16-1999	Carter et al.	-
	8	US-5964407	10-12-1999	Sandkleiva	
	9	US-5974407	10-26-1999	Sacks	
	10	US-6038563	03-14-1999	Bapat et al.	
	11	US-6055544	04-25-2000	DeRose e al.	
	12	US-6061684	05-09-2000	Glasser et al.	
	13	US-6085198	07-04-2000	Skinner et al.	
	14	US-6128610	10-03-2000	Srinivasan et al.	
	15	US-6141655	10-31-2000	Johnson et al.	
	16	US-6154741	11-28-2000	Feldman	
	17	US-6199195 B1	03-06-2001	Goodwin et al.	
	18	US-6208993 B1	03-27-2001	Shadmon	
	19	US-6236988 B1	05-22-2001	Aldred	

7

		FOREIGN PAT	ENT DOCU	MENTS		
Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines,	
Initials*	No.1	Country Code ³ – Number ⁴ – Kind Code ⁵ (if known)	MM-DD-YY	Application of Cited	Where Relevant Passages	
				Document	or Relevant Figures Appear	T ⁶
	20	JP 60-218142	10-31-1985	Hitachi LTD.,		<u> </u>
	21	JP 2-165353	06-26-1990	Fujitsu LTD.		
	22	JP 8-249159	09-27-1996	Fujitsu LTD.		

Examiner's	Date	
Signature	Considered	

^{*} EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known Substitute for form1449A-PTO **Application Number** 10/718,823 **Filing Date** November 21, 2003 INFORMATION DISCLOSURE **Namit JAIN First Named Inventor** STATEMENT BY APPLICANT 2166 Art Unit Channavajjala, Sriama T. **Examiner Name** (use as many sheets as necessary) OI7035742001

Attorney Docket Number

Sheet

	U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Document Number Number – Kind Code ² (if known)	Publication Date MM-DD-YY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines, Where Relevant Passages o Relevant Figures Appear		
	23	US-6263332 B1	07-17-2001	Nasr et al.			
	24	US-6269380 B1	07-31-2001	Terry et al.			
	25	US-6279006 B1	08-21-2001	Shigemi et al.			
	26	US-6279007 B1	08-21-2001	Uppala			
	27	US-6298349 B1	10-02-2001	Toyoshima et al.			
	28	US-6343287 B1	01-29-2002	Kumar et al.			
•	29	US-6356920 B1	03-12-2002	Vandersluis			
	30	US-6366934 B1	04-02-2002	Cheng et al.			
	31	US-6370537 B1	04-09-2002	Gilbert et al.			
	32	US-6470344 B1	10-22-2002	Kothuri et al.			
	33	US-6470494 B1	10-22-2002	Chan et al.			
	34	US-6487546 B1	· 11-26-2002	Witkowski			
	35	US-6496842 B1	12-17-2002	Lyness			
	36	US-6542911 B2	04-01-2003	Chakraborty et al.			
	37	US-6571231 B2	05-27-2003	Sedlar			
	38	US-6604100 B1	08-05-2003	Fernandez et al.			
	39	US-6636845 B1	10-21-2003	Chau et al.			
	40	US-6675230 B1	01-06-2004	Lewallen			
	41	US-6718322 B1	04-06-2004	Brye			

	FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ – Number ⁴ – Kind Code ⁵ (if known)	Publication Date MM-DD-YY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ^c
	42	WO 00/049533	08-24-2000	Oracle Corporation		
		•		1	0	

Examiner's	Date Considered	
Signature	Considered	

^{*} EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \(^1\) Applicant's unique citation designation number (optional). \(^2\) See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. \(^3\) Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \(^4\) For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. § Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. § Applicant is to place a check mark here if English language Translation

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Complete if Known Substitute for form1449A-PTO **Application Number** 10/718,823 November 21, 2003 **Filing Date** INFORMATION DISCLOSURE **Namit JAIN First Named Inventor** STATEMENT BY APPLICANT 2166 Art Unit Channavajjala, Sriama T. **Examiner Name** (use as many sheets as necessary) OI7035742001 Sheet Attorney Docket Number

U.S. PATENT DOCUMENTS						
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines,	
Initials*	No. ¹	Number – Kind Code ² (if known)	MM-DD-YY	Application of Cited Document	Where Relevant Passages or Relevant Figures Appear	
	43	US-6725212 B1	04-20-2004	Couch et al.		
	44	US-6754661 B1	06-22-2004	Hallin et al.		
	45	US-6772180 B1	08-03-2004	Li et al.		
	46	US-6772350 B1	08-03-2004	Belani et al.		
	47	US-6785673 B1	08-31-2004	Fernandez et al.		
	48	US-6826568 B2	11-30-2004	Bernstein et al.		
	49	US-6836778 B1	12-28-2004	Manikutty et al.		
	50	US-6915307 B1	07-05-2005	Mattis et al.		
	51	US-6941511 B1	09-06-2005	Hind et al.		
	52	US-6964025 B2	11-08-2005	Angiulo et al.		
	53	US-7024425 B2	04-04-2006	Krishnaprasad et al.	• .	
	54	US-7031956 B1	04-18-2006	Lee et al.		
	55	US-7036072 B1	04-25-2006	Sulisito et al.		
	56	US-7096224 B2	08-22-2006	Murthy et al.		
	57	US-2002/0007363 A1	01-17-2002	Vaitzblit		
	58	US-2002/0087510 A1	07-04-2002	Weinberg et al.		
	59	US-2002/0029229 A1	03-07-2002	Jakopac et al.		
	60	US-2002/0147763 A1	10-10-2002	Lee et al.		

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ – Number ⁴ – Kind Code ⁵ (if known)	Publication Date MM-DD-YY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
	61	WO 01/042881 A2	06-14-2001	B-Bop Associates, Inc.		

Examiner's	Date	
Signature	Considered	P

^{*} EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 4 of 7

Complete if Known				
Application Number	10/718,823			
Filing Date	November 21, 2003			
First Named Inventor	Namit JAIN			
Art Unit	2166			
Examiner Name	Channavajjala, Sriama T.			
Attorney Docket Number	OI7035742001			

U.S. PATENT DOCUMENTS						
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines,	
Initials*	No. ¹	Number – Kind Code ² (if known)	.MM-DD-YY	Application of Cited Document	Where Relevant Passages or Relevant Figures Appear	
	62	US-2002/0184401 A1	12-05-2002	Kadel Jr. et al.		
	63	US-2003/0004937 A1	01-02-2003	Salmenkaita et al.	•	
	64	US-2003/0009361 A1	01-09-2003	Hancock et al.		
	65	US-2003/0065659 A1	04-03-2003	Agarwal et al.		
	66	US-2003/0093672 A1	05-15-2003	Cichowlas		
	67	US-2003/0101194 A1	05-29-2003	Rys et al.		
	68	US-2003/0120665 A1	06-26-2003	Fox et al.		
	69	US-2003/0154204 A1	08-14-2003	Chen-Wright et al.		
	70	US-2003/0172135 A1	09-11-2003	Bobick et al.		
	71	US-2003/0182624.A1	09-25-2003	Large		
	72	US-2003/0204787 A1	10-30-2003	Bartucca et al.		
	73	US-2004/0015936 A1	01-22-2004	Susarla et al.		
	74	US-2004/0043758 A1	03-04-2004	Sorvari et al.		
	75	US-2004/0064466 A1	04-01-2004	Manicutty et al.		
	76	US-2004/0117359 A1	06-17-2004	Snodgrass et al.		
,	77	US-2004/0176958 A1	09-09-2004	Salmenkaita et al.		
	78	US-2004/0220912 A1	11-04-2004	Manikutty et al.		
	79	US-2004/0220927 A1	11-04-2004	Murthy et al.		

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ – Number ⁴ – Kind Code ⁵ (if known)	Publication Date MM-DD-YY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶	
	80	WO 01/059602 A1	08-16-2001	Acta Technologies, Inc.			

Examiner's Signature	Date Considered	

^{*} EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \(^1\) Applicant's unique citation designation number (optional). \(^2\) See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. \(^3\) Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \(^4\) For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the senal number of the patent document. \(^5\) Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. \(^6\) Applicant is to place a check mark here if English language Translation is attached.

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					Complete if Known			
Subst	tute for form1449A	form1449A-PTO .			Application Number	10/718,823		
•	INFOR	MATION	DISCLOS	LIRE	Filing Date	November 21, 2003 Namit JAIN		
					First Named Inventor			
	STATEMENT BY APPLICANT				Art Unit	2166		
(use as many sheets as necessary)			y)	Examiner Name	Channavajjala, Sriama T.			
	Sheet	5	of	7	Attorney Docket Number	OI7035742001		

		<u>U.S</u>	PATENT DO	CUMENIS	
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines,
Initials*	No. ¹	Number – Kind Code ² (if known)	MM-DD-YY	Application of Cited Document	Where Relevant Passages o Relevant Figures Appear
•	81	US-2004/0225680 A1	11-11-2004	Cameron et al.	
	82	US-2005/0010896 A1	01-13-2005	Meliksetian et al.	
	83	US-2006/0031233 A1	02-09-2006	Liu et al.	
	84	US-2006/0036935 A1	02-16-2006	Warner et al.	
	85	US-2005/0050092 A1	03-03-2005	Jain et al.	
	86	US-2005/0050058 A1	03-03-2005	Jain et al.	
	87	US-2005/0050105 A1	03-03-2005	Idicula et al.	
	88	US-2006/0031233 A1	02-09-2006	Liu et al.	
	89	US-2006/0036935 A1	02-16-2006	Warner et al.	
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FOREIGN PATENT DOCUMENTS						
Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines,	
Initials*	No.1	Country Code ³ – Number ⁴ – Kind Code ⁵ (if known)	MM-DD-YY	Application of Cited	Where Relevant Passages	1
	ļ			Document	or Relevant Figures Appear	T ⁶
	90	WO 01/061566 A1	08-23-2001	Verizon Laboratories,		
				Inc.		

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		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher city and/or country where published	T ²
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	92	"Conventional and Direct Path Loads" from Oracle 9i Database Utilities Release 2. Copyright 2002 Oracle Corporation. Available online at http://www.utexas.edu/its/unix/reference/oracledocs/v92/B10501_01/server.920/a96652/ch09.htm	
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